



Cover Sheet

Please complete this page ONCE and return with your Grant Category Application(s)

Town/Organization: ___Town of Guildhall_____

Primary Contact Person (Responsible for Signing Grant Agreement): ___Gary Brown_

Title: ___Selectboard Chair_____

Address: _____13 Courthouse Drive_____Guildhall_____05905____
Street Address *Town* *Zip*

Primary Contact Person Email: ___townclerk@guildhallvt.org_ Phone: (802) 745 – 8163

SAM unique ID #: _SBXBBS9ZZHD9_ Fiscal Year End Month (MM):_December_

Town Clerk / Admin email: ___George Blakeslee, townclerk@guildhallvt.org___

Road Foreman Name: ___Gary Brown___ Road Foreman Email: ___gbrown1077@gmail.com_



Vermont Better Roads Grant Program



CATEGORY B/C/D

Please complete one application per project you are applying for.

Please check the Category you are applying for:

- B. Correction of a Road Related Erosion Problem and/or Stormwater Mitigation
- C. Correction of a Stream Bank, Lake Shore or Slope Related Problem
- D. Structure/culvert 36" diameter or greater

Municipality: __Town of Guildhall__

Road Name: __Lamotte Rd__ TH #: __10__ Structure # (if applicable): __

Road Type: Paved or Unpaved (select one) Road Class: 1 2 3 4 (select one)

Please provide a thorough description of the erosion/water quality problem (ex. Roadway has steep slope with no ditch which is causing severe roadway erosion, which outlets into the Lamoille River): __Water runs down the road surface in segments 122738, 122739, 122740, and 122741 on Lamotter Rd, causing erosion and transporting sediment to wetlands adjacent to the road primarily in segment 122739. Very poor crowning and poorly formed shoulders do not shed water off the roadway, resulting in erosion. Portions of segment 122741 are at more than a 7% grade, but the ditches are shallow and not stone lined, so they are eroding. Shoulders in other segments are not shaped effectively to transport water away from the road without eroding. All segment names are listed as they appear on the MRGP Mobile Map, though the segment numbers shown correspond to different segments in the Implementation Table Portal (listed as Granby Rd). __

Has the town completed an MRGP compliant road erosion inventory?

- Yes
- No
- In progress

Project Length (linear feet along roadway): __1312__ ft.

Number of structures/culverts replaced/repaired: __

Average slope of roadway: 0-5% 5-10% >10%

Provide a VERY detailed map of project location showing start and end points: Included

Provide a sketch of project location showing distances and project details: Included



Vermont Better Roads Grant Program



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***In order to "Fully Meet" the standards the road segment must have proper crown, removal of shoulder berms, proper ditching, proper conveyance and no erosion present at culvert inlets and outlets.**

Environmental Concerns:

All projects require a review of potential impacts by our environmental team. To expedite the review process, please check the boxes below that describe existing structures/conditions to be replaced/maintained (if any) and the project description that applies (if any).

Existing Structures:	
<input checked="" type="checkbox"/> Steel/Plastic Culvert	<input type="checkbox"/> Concrete Box Culvert
<input type="checkbox"/> Stone Culvert – Take pictures	<input type="checkbox"/> Concrete Bridge
<input checked="" type="checkbox"/> Ditch	<input type="checkbox"/> Rolled Beam/Plate Girder Bridge
<input type="checkbox"/> Foundation remains, mill ruins, stone walls, other – Take pictures	<input type="checkbox"/> Stone abutments or piers – Take pictures
<input checked="" type="checkbox"/> Buildings within 300 feet of work - Take pictures	
Project Description:	
<input type="checkbox"/> New ditches will be established	<input checked="" type="checkbox"/> All work will be completed from the existing road or shoulder
<input checked="" type="checkbox"/> Reestablishing existing ditches only	<input type="checkbox"/> There will be excavation within 300 feet of a river or stream – Take pictures
<input type="checkbox"/> The structure is being replaced on existing location/alignment	<input checked="" type="checkbox"/> Road reclaiming, reconstruction, or widening
<input type="checkbox"/> Excavation within a floodplain – Take pictures	<input type="checkbox"/> Temporary off-road access is required
<input type="checkbox"/> Tree cutting/clearing – Take pictures	<input type="checkbox"/> The roadway will be realigned

Please describe the project and how it will create a positive water quality benefit (ex. Reshape 500' of ditch and line with 12 inch minus stone, to prevent sediment from entering the Lamoille River at the bottom of the hill):

_2" of ¾" gravel will be added to all segments to improve crowning so that water sheds off the road surface as sheet flow. Ditches and shoulders in all segments will be reshaped to allow sheet flow off the road and transport of water away from the road. Ditches in the steep part of segment 122741 will be stone lined, while ditches and shoulders in all other segments will be grass seeded along with all other disturbed areas. All segment names are listed as they appear on the MRGP Mobile Map, though the segment numbers shown correspond to different segments in the Implementation Table Portal (listed as Granby Rd). __



Vermont Better Roads Grant Program



Please list any professionals or partners that assisted with planning this project (ANR River Management Engineer, Army Corps of Engineers, VTrans staff, Basin Planner, RPC staff, etc.):

___ Essex County NRCD _____

Is the project located in the town "Right of Way?" (select one) Yes No Both

Please be aware, Municipalities are required to have an Agreement for Entry & Liability Release for any impacted properties (prior to the start of construction.)



Vermont Better Roads Grant Program



Budget:

Please attach a project budget and confirm below that is attached:

Project budget IS attached

Are you applying to other grant programs to help fund this project? If so, what programs? Please note that Better Roads requires a 20% local match and Better Roads funding may not be used as match for other state or federally funded programs. No

Requested Grant Amount:	\$ <u>20,000.00</u>	Requested Grant Amount Max:	\$20,000 Category B
+			\$40,000 Category C
Local Match:	\$ <u>6,151.25</u>		\$60,000 Category D
=			
Total Project Cost:	\$ <u>26,151.25</u>		

See page 6 for more information on calculating match

Estimated Completion Date: October 2024

REQUIRED ATTACHMENTS:

Please use the documentation checklist below to ensure that all of the relevant items regarding your application have been included. **It is preferred that your application is a single PDF file.**

- Grant application cover sheet
- Grant application form, including chart with RSID and MRGP compliance before and after project completion
- Itemized Cost estimate for labor, equipment, and materials (see enclosed Cost Estimate Worksheet). If applicable, please break down funding by source (i.e. different grant sources).
- Detailed Project Location Map
- Sketch of proposed project and erosion control measures or other management practices, including distances in feet
 - Also show approximate location of town/other right-of-way and/or property lines and limits of work
- Photos must be color and clear to see.**
 - Please make sure there are enough photos to get a good idea of the project area**
- Other appropriate supporting documents.

By signing this application, I certify that all the information provided is accurate to the best of my knowledge. We will comply with all the requirements of the grant including making our books available for audit if required.

SIGNATURE OF APPLICANT:

Name: Gary H Brown Title: Select Board Chair
MUST BE TOWN ADMINISTRATOR/MANAGER OR SELECT BOARD CHAIR



Vermont Better Roads Grant Program



Vermont Better Roads Category B/C/D Grant Proposal Scoring Criteria

All applications will be scored on a sliding scale elected by the Better Roads Grant Selection Committee. Road BMP upgrades are considered the highest priority for grant funding when road segments are “hydrologically-connected,” currently “not meeting” MRGP standards, and road slopes are greater than 10%

- 1. Is the project using Best Management Practices (BMPs) that are proven and likely to maximize long term success, such as practices contained within the new VTrans Better Roads Manual and/or VT DEC MRGP Standards?? [maximum 20 points]**
 - The proposed project utilizes appropriate BMPs and has maximized the likelihood of long-term success (16-20 points)
 - The proposed project utilizes some appropriate BMPs but more could be done to increase the likelihood of success (11-15 points)
 - The proposed project does not utilize appropriate BMPs, or it is unclear whether the BMPs will be used appropriately and the likelihood of success is uncertain (0-10 points)
- 2. What are the expected Water Quality Benefits within the watershed? [maximum 25 points]**
 - Project will lead to significant improvements to water quality (21-25 points)
 - Project will lead to moderate improvements to water quality (16-20 points)
 - Project will lead to small improvements to water quality (1-15 points)
 - Project will lead to no obvious improvements to water quality (0 points)
- 3. Is the project in or does stormwater runoff from the project area drain into a hydrologically connected segment? [maximum 20 points]**
 - Yes; the entire project is in connected segment(s) (20 points)
 - Partially; part(s) of the project are in connected segments (5-19 points)
 - No; this project is not in a connected segment (0-5 points)
- 4. Will the project result in full compliance of one or more segments in accordance with the Municipal Roads General Permit (MRGP)? [maximum 25 points]**
 - All segments within the project will be in full compliance (25 points)
 - One or more segments will be in full compliance, with all other segments in partial compliance (11 – 24 points)
 - One or more segments will be a minimum of partial compliance (1- 10 points)
 - Project does not meet compliance or not applicable (does not have hydrologically connected segments) (0 points)
- 5. Is the project cost effective? [maximum 10 points]**
 - The cost of the project is low and the expected benefits are high (8-10 points)
 - The cost of the project is average and the expected benefits are average (5-7 points)
 - The cost of the project is high and the expected benefits are low (0-4 points)



Budget:

Project Budget			
Item	Cost	Qty	Total
Materials			
3/4" crushed gravel	\$10/T	284	\$2,840.00
12" minus - ditch stone (481')	\$17.35/T	75	\$1,301.25
Stone hauling	\$115/hr/20T load	18	\$2,070.00
Equipment			
Excavator & operator	\$135/hr	108	\$14,580.00
Grader & operator	\$90/hr	9	\$810.00
Trucking removing road & ditch material	\$85/hr	50	\$4,250.00
Hydroseeder	\$300/day	1	\$300.00
Total			\$26,151.25
Recommended Grant Program	Better Roads Grant Category B		
Grant Amount (\$20,000 maximum)		76%	\$20,000.00
Cost To Town (20% minimum)		24%	\$6,151.25

Project Location:



Project Area Map:



Photos:



Road shoulders and ditches are misshaped, preventing water from reaching the ditch or moving effectively. Poor crown and grader berms also cause water to run along the road, picking up sediment before entering a wetland in segment 122739.

Questions and Technical Assistance

For questions regarding this application, general program related questions or for technical assistance please contact Alan May (802) 828-4585.

For questions related to projects affecting rivers and streams please contact the Agency of Natural Resources, River Management Engineers:

- Chris Brunelle, Northwest VT (802) 777-5328 or Chris.brunelle@vermont.gov
- Scott Jensen, Southeast VT (802) 490-6962 or Scott.jensen@vermont.gov
- Jaron Borg, Central VT & Northeast (802) 371-8342 or Jaron.borg@vermont.gov
- Josh Carvajal, Southwest VT (802)490-6163 or Joshua.carvajal@vermont.gov